

JAN 10 2005

CS90038

**MOTOROLA****FAX TRANSMITTAL SHEET**

Motorola, Inc.  
Intellectual Property Section  
Law Department  
600 North U.S. Highway 45  
Libertyville, IL 60048

**Telephone: (847) 523-3978****Facsimile: (847) 523-2350****17**

Number of Pages (including this page)

Date: 1/10/05

To: Commissioner for Patents

Location: United States Patent and Trademark Office

Fax No.: (703) 872-9306

From: Roland K. Bowler II

Registration No. 33,477

Subject: Serial No. 09/785,960

Docket No. CS90038

**NOTICE:** This facsimile transmission may contain information that is confidential, privileged, or exempt from disclosure under applicable law. It is intended only for the person to whom it is addressed. Unauthorized use, disclosure, copying or distribution may expose you to legal liability. If you have received this transmission in error, please immediately notify us by telephone (collect) to arrange for return of the documents received and any copies made. Thank you.

**MESSAGE:**

Enclosed herewith, please find:

- ☒ Information Disclosure Statement
- ☒ PTO Form SB/08
- ☒ Transmittal Form
- ☒ Fee Transmittal Form
- ☒ Office Action from People's Republic of China

**PLEASE GIVE THESE PAPERS TO:**

EXAMINER:	Ferguson, Keith
GROUP ART UNIT:	2683
SERIAL NO.:	09/785,960
FILED:	2/16/01
INVENTOR:	Zhao, Yilin et al.

CS90038

<b>FEE TRANSMITTAL</b> Patent fees are subject to annual revision <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27					<b>Complete If Known</b>																																																																																																																																																													
<b>TOTAL AMOUNT OF PAYMENT</b> (\$) <b>0.00</b>					Application Number	09/785,960																																																																																																																																																												
					Filing Date	2/16/01																																																																																																																																																												
					First Named Inventor	Zhao, Yilin et al.																																																																																																																																																												
					Examiner Name	Ferguson, Keith																																																																																																																																																												
					Group Art Unit	2683																																																																																																																																																												
					Attorney Docket No.	CS90038																																																																																																																																																												
<b>METHOD OF PAYMENT (check all that apply)</b>							<b>FEE CALCULATION (continued)</b>																																																																																																																																																											
<input type="checkbox"/> Check <input type="checkbox"/> Credit card <input type="checkbox"/> Money Order <input type="checkbox"/> Other <input type="checkbox"/> None							<b>4. ADDITIONAL FEES</b>																																																																																																																																																											
<input checked="" type="checkbox"/> Deposit Account: Deposit Account Number <b>502117</b> Deposit Account Name <b>Motorola, Inc.</b>  The Director is authorized to: (check all that apply) <input checked="" type="checkbox"/> Charge fee(s) indicated below <input type="checkbox"/> Credit any overpayments <input checked="" type="checkbox"/> Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 <input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.							<table border="1" style="width:100%"><thead><tr><th colspan="2">Large Entity</th><th colspan="2">Small Entity</th><th rowspan="2">Fee Description</th></tr><tr><th>Fee Code</th><th>Fee (\$)</th><th>Fee Code</th><th>Fee (\$)</th></tr></thead><tbody><tr><td>1061</td><td>130</td><td>2061</td><td>65</td><td>Surcharge - late filing fee or oath</td></tr><tr><td>1062</td><td>50</td><td>2062</td><td>25</td><td>Surcharge - late Provisional filing</td></tr><tr><td>1063</td><td>130</td><td>1053</td><td>130</td><td>Non-English specification</td></tr><tr><td>1812</td><td>2520</td><td>1812</td><td>2520</td><td>For filing a request for ex parte Reexamination</td></tr><tr><td>1804</td><td>920*</td><td>1804</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td></tr><tr><td>1805</td><td>1840*</td><td>1805</td><td>1840*</td><td>Requesting publication of SIR after Examiner action</td></tr><tr><td>1251</td><td>120</td><td>2251</td><td>60</td><td>Extension for reply within first month</td></tr><tr><td>1252</td><td>450</td><td>2252</td><td>225</td><td>Extension for reply within second month</td></tr><tr><td>1253</td><td>1020</td><td>2253</td><td>510</td><td>Extension for reply within third month</td></tr><tr><td>1254</td><td>1590</td><td>2254</td><td>795</td><td>Extension for reply within fourth month</td></tr><tr><td>1255</td><td>2160</td><td>2255</td><td>1080</td><td>Extension for reply within fifth month</td></tr><tr><td>1401</td><td>500</td><td>2401</td><td>250</td><td>Notice of Appeal</td></tr><tr><td>1402</td><td>500</td><td>2402</td><td>250</td><td>Filing a brief in support of an appeal</td></tr><tr><td>1403</td><td>1000</td><td>2403</td><td>500</td><td>Request for oral hearing</td></tr><tr><td>1451</td><td>1510</td><td>1451</td><td>1510</td><td>Petition to institute a public use proceeding</td></tr><tr><td>1452</td><td>500</td><td>2452</td><td>250</td><td>Petition to revive - unavoidable</td></tr><tr><td>1453</td><td>1500</td><td>2453</td><td>750</td><td>Petition to revive - unintentional</td></tr><tr><td>1501</td><td>1400</td><td>2501</td><td>700</td><td>Utility issue fee (or release)</td></tr><tr><td>1502</td><td>800</td><td>2502</td><td>400</td><td>Design issue fee</td></tr><tr><td>1503</td><td>1100</td><td>2503</td><td>550</td><td>Plant issue fee</td></tr><tr><td>1460</td><td>130</td><td>1460</td><td>130</td><td>Petitions to the Commissioner</td></tr><tr><td>1807</td><td>50</td><td>1807</td><td>50</td><td>Processing fee under 37 CFR 1.17(g)</td></tr><tr><td>1808</td><td>180</td><td>1808</td><td>180</td><td>Submission of IDS</td></tr><tr><td>8021</td><td>40</td><td>8021</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td></tr><tr><td>1809</td><td>790</td><td>2809</td><td>395</td><td>Filing a submission after final rejection (37 CFR § 1.129(a))</td></tr><tr><td>1810</td><td>790</td><td>2810</td><td>395</td><td>For each additional invention to be examined (37 CFR § 1.129(b))</td></tr><tr><td>1801</td><td>790</td><td>2801</td><td>395</td><td>Request for Continued Examination</td></tr><tr><td>1802</td><td>900</td><td>1802</td><td>900</td><td>Request for expedited examination of a design application</td></tr></tbody></table>							Large Entity		Small Entity		Fee Description	Fee Code	Fee (\$)	Fee Code	Fee (\$)	1061	130	2061	65	Surcharge - late filing fee or oath	1062	50	2062	25	Surcharge - late Provisional filing	1063	130	1053	130	Non-English specification	1812	2520	1812	2520	For filing a request for ex parte Reexamination	1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	1805	1840*	1805	1840*	Requesting publication of SIR after Examiner action	1251	120	2251	60	Extension for reply within first month	1252	450	2252	225	Extension for reply within second month	1253	1020	2253	510	Extension for reply within third month	1254	1590	2254	795	Extension for reply within fourth month	1255	2160	2255	1080	Extension for reply within fifth month	1401	500	2401	250	Notice of Appeal	1402	500	2402	250	Filing a brief in support of an appeal	1403	1000	2403	500	Request for oral hearing	1451	1510	1451	1510	Petition to institute a public use proceeding	1452	500	2452	250	Petition to revive - unavoidable	1453	1500	2453	750	Petition to revive - unintentional	1501	1400	2501	700	Utility issue fee (or release)	1502	800	2502	400	Design issue fee	1503	1100	2503	550	Plant issue fee	1460	130	1460	130	Petitions to the Commissioner	1807	50	1807	50	Processing fee under 37 CFR 1.17(g)	1808	180	1808	180	Submission of IDS	8021	40	8021	40	Recording each patent assignment per property (times number of properties)	1809	790	2809	395	Filing a submission after final rejection (37 CFR § 1.129(a))	1810	790	2810	395	For each additional invention to be examined (37 CFR § 1.129(b))	1801	790	2801	395	Request for Continued Examination	1802	900	1802	900	Request for expedited examination of a design application
Large Entity		Small Entity		Fee Description																																																																																																																																																														
Fee Code	Fee (\$)	Fee Code	Fee (\$)																																																																																																																																																															
1061	130	2061	65	Surcharge - late filing fee or oath																																																																																																																																																														
1062	50	2062	25	Surcharge - late Provisional filing																																																																																																																																																														
1063	130	1053	130	Non-English specification																																																																																																																																																														
1812	2520	1812	2520	For filing a request for ex parte Reexamination																																																																																																																																																														
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action																																																																																																																																																														
1805	1840*	1805	1840*	Requesting publication of SIR after Examiner action																																																																																																																																																														
1251	120	2251	60	Extension for reply within first month																																																																																																																																																														
1252	450	2252	225	Extension for reply within second month																																																																																																																																																														
1253	1020	2253	510	Extension for reply within third month																																																																																																																																																														
1254	1590	2254	795	Extension for reply within fourth month																																																																																																																																																														
1255	2160	2255	1080	Extension for reply within fifth month																																																																																																																																																														
1401	500	2401	250	Notice of Appeal																																																																																																																																																														
1402	500	2402	250	Filing a brief in support of an appeal																																																																																																																																																														
1403	1000	2403	500	Request for oral hearing																																																																																																																																																														
1451	1510	1451	1510	Petition to institute a public use proceeding																																																																																																																																																														
1452	500	2452	250	Petition to revive - unavoidable																																																																																																																																																														
1453	1500	2453	750	Petition to revive - unintentional																																																																																																																																																														
1501	1400	2501	700	Utility issue fee (or release)																																																																																																																																																														
1502	800	2502	400	Design issue fee																																																																																																																																																														
1503	1100	2503	550	Plant issue fee																																																																																																																																																														
1460	130	1460	130	Petitions to the Commissioner																																																																																																																																																														
1807	50	1807	50	Processing fee under 37 CFR 1.17(g)																																																																																																																																																														
1808	180	1808	180	Submission of IDS																																																																																																																																																														
8021	40	8021	40	Recording each patent assignment per property (times number of properties)																																																																																																																																																														
1809	790	2809	395	Filing a submission after final rejection (37 CFR § 1.129(a))																																																																																																																																																														
1810	790	2810	395	For each additional invention to be examined (37 CFR § 1.129(b))																																																																																																																																																														
1801	790	2801	395	Request for Continued Examination																																																																																																																																																														
1802	900	1802	900	Request for expedited examination of a design application																																																																																																																																																														
<b>1. BASIC FILING, SEARCH, AND EXAMINATION FEES</b>																																																																																																																																																																		
<table border="1" style="width:100%"><thead><tr><th rowspan="2">Application Type</th><th colspan="2">FILING FEES</th><th colspan="2">SEARCH FEES</th><th colspan="2">EXAMINATION FEES</th><th rowspan="2">Fee Paid (\$)</th></tr><tr><th>Large Fee (\$)</th><th>Small Entity Fee (\$)</th><th>Large Fee (\$)</th><th>Small Entity Fee (\$)</th><th>Large Fee (\$)</th><th>Small Entity Fee (\$)</th></tr></thead><tbody><tr><td>Utility</td><td>300</td><td>150</td><td>500</td><td>250</td><td>200</td><td>100</td><td></td></tr><tr><td>Design</td><td>200</td><td>100</td><td>100</td><td>50</td><td>130</td><td>65</td><td></td></tr><tr><td>Plant</td><td>200</td><td>100</td><td>300</td><td>150</td><td>160</td><td>80</td><td></td></tr><tr><td>Reissue</td><td>300</td><td>150</td><td>500</td><td>250</td><td>800</td><td>300</td><td></td></tr><tr><td>Provisional</td><td>200</td><td>100</td><td>0</td><td>0</td><td>0</td><td>0</td><td></td></tr></tbody></table>							Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fee Paid (\$)	Large Fee (\$)	Small Entity Fee (\$)	Large Fee (\$)	Small Entity Fee (\$)	Large Fee (\$)	Small Entity Fee (\$)	Utility	300	150	500	250	200	100		Design	200	100	100	50	130	65		Plant	200	100	300	150	160	80		Reissue	300	150	500	250	800	300		Provisional	200	100	0	0	0	0																																																																																																							
Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES			Fee Paid (\$)																																																																																																																																																										
	Large Fee (\$)	Small Entity Fee (\$)	Large Fee (\$)	Small Entity Fee (\$)	Large Fee (\$)	Small Entity Fee (\$)																																																																																																																																																												
Utility	300	150	500	250	200	100																																																																																																																																																												
Design	200	100	100	50	130	65																																																																																																																																																												
Plant	200	100	300	150	160	80																																																																																																																																																												
Reissue	300	150	500	250	800	300																																																																																																																																																												
Provisional	200	100	0	0	0	0																																																																																																																																																												
<b>2. EXTRA CLAIM FEES</b>																																																																																																																																																																		
Each claim over 20 or, for Reissues, each claim over 20 and more than in the original patent							Fee (\$)																																																																																																																																																											
Each independent claim over 3 or, for Reissues, each independent claim more than in the original patent							Small Entity Fee (\$)																																																																																																																																																											
Multiple Dependent Claims							200																																																																																																																																																											
							360																																																																																																																																																											
Total Claims							Extra Claims																																																																																																																																																											
- 20 or HP							x 50																																																																																																																																																											
HP = highest number of total claims paid for, if greater than 3							360																																																																																																																																																											
Indep. Claims							Extra Claims																																																																																																																																																											
- 3 or HP							x 200																																																																																																																																																											
<b>3. APPLICATION SIZE FEE</b>																																																																																																																																																																		
If the specification and drawings exceed 100 sheets of paper, the application size fee is \$250 (\$125 for small entity)																																																																																																																																																																		
For each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(g).																																																																																																																																																																		
Total Sheets							Extra Sheets																																																																																																																																																											
- 100 =							/50 =																																																																																																																																																											
							(round up to a whole number)																																																																																																																																																											
							x 250 =																																																																																																																																																											
							Fee Paid (\$)																																																																																																																																																											
							\$0.00																																																																																																																																																											
<b>SUBMITTED BY</b>																																																																																																																																																																		
Name (Print/Type)							Registration No.																																																																																																																																																											
Roland K. Bawler II							33,477																																																																																																																																																											
Signature							Telephone																																																																																																																																																											
							847-623-3978																																																																																																																																																											
							Date																																																																																																																																																											
							10 JAN 2005																																																																																																																																																											

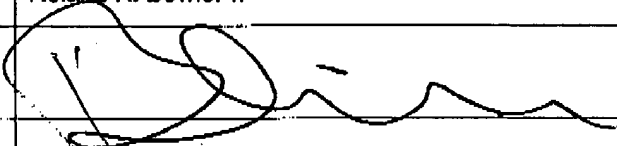
CS90038

<b>TRANSMITTAL FORM</b>	Application Number	09/785,960	
	Filing Date	2/16/01	
	First Named Inventor	Zhao, Yilin et al.	
	Group Art Unit	2683	
	Examiner Name	Ferguson, Keith	
Total Number of Pages in this Submission	15	Attorney Docket Number	CS90038

RECEIVED  
JAN 10 2005  
POSTER

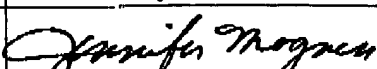
ENCLOSURES		
(check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment Papers (for an Application)	<input type="checkbox"/> After Allowance Communication to Group
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Licensing-Related papers	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/Declaration(s)	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Status Letter with appropriate copies
<input type="checkbox"/> Extension of time Request	<input type="checkbox"/> Power of Attorney, Revocation, Change of Correspondence	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below)
<input type="checkbox"/> Express Abandonment Request	Address	<input checked="" type="checkbox"/> Office Action from the People's Republic of China
<input checked="" type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Terminal Disclaimer	<input checked="" type="checkbox"/> Reference
<input type="checkbox"/> Certified Copy of Priority Documents	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Response to Missing Parts/ Incomplete Application	<input type="checkbox"/> CD, Number of CDs	
<input type="checkbox"/> Response to Missing Parts Under 37 CFR 1.52 or 1.53	Remarks	

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm or Individual	Roland K. Bowler II	Registration No.	33,477
Signature			
Date			

**CERTIFICATE OF TRANSMITTAL/MAILING**

I hereby certify that this correspondence is being facsimile transmitted to the USPTO to facsimile number (703) 872-9308 or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450 on the date listed below:

Typed or printed name	Jennifer Magness		
Signature		Date	1/10/05

CS90038

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Zhao, Yilin et al. Group Art Unit: 2683  
Application No.: 09/785,960 Examiner: Ferguson, Keith  
Date Filed: 2/16/01  
Title: GPS Assistance Messages in Cellular Communications Networks and Method Therefor

RECEIVED  
CENTRAL MAIL CENTER

JAN 10 2005

## INFORMATION DISCLOSURE STATEMENT (IDS)

Commissioner For Patents  
Alexandria, VA 22313

SIR:

In accordance with 37 C.F.R. §1.56 and in compliance with 37 C.F.R. §§1.97 and 1.98, the references listed on attached Form PTO/SB/08 and/or subsequently identified herein, are for consideration by the United States Patent and Trademark Office. Pursuant to the Office waiving the requirement under 37 CFR 1.98 (a)(2)(i) for submitting a copy of each cited U.S. patent and each U.S. patent application publication for all U.S. national patent applications filed after June 30, 2003 and for all international applications that have entered the national stage under 35 USC §371 after June 30, 2003, copies of the reference are not submitted herewith.

I. ☒ THIS IDS IS BEING FILED UNDER 37 C.F.R. §1.97(b)-(d): (check only one box)

- a. ☒ within three months of the filing date of a national application other than a continued prosecution application under § 1.53(d); within three months of the date of entry of the national stage as set forth in § 1.491 in an international application; before the mailing date of a first Office Action on the merits; and/or before the mailing date of a first Office Action after the filing of a request for continued examination under § 1.114. No fee or statement is required.
- b. ☐ before the mailing date of any of a Final Office Action under 37 C.F.R. §1.113, a Notice of Allowance under 37 C.F.R. §1.311, or an action that otherwise closes prosecution in the application. Petition fee set forth in §1.17(p) is required unless a statement under 37 C.F.R. §1.97(e) is provided.
- c. ☐ on or before payment of the issue fee. Petition fee set forth in §1.17(p) and a statement under 37 C.F.R. §1.97(e) are required.

II. ☐ STATEMENT UNDER 37 C.F.R. §1.97(e) (check only one box, if applicable)

The undersigned hereby states that

- a. ☐ each item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application not more than three months prior to the filing of IDS; or
- b. ☐ no item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application, and to knowledge of the person signing the statement after making reasonable inquiry, no item of information contained in the IDS was known to any individual designated in 37 C.F.R. 1.56(c) more than three months prior to the filing of this statement, or
- c. ☐ some of the items of information contained in the IDS were cited in a communication from a foreign Patent Office. As to this information, the undersigned states that each item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application not more than three months prior to the filing of this IDS. As to the remaining information, the undersigned hereby states that no item of this remaining information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application or, to the knowledge of the person signing the statement after making reasonable inquiry, no item of information contained in the IDS was known to any individual designated in 37 C.F.R. 1.56(c) more than three months prior to the filing of this statement.

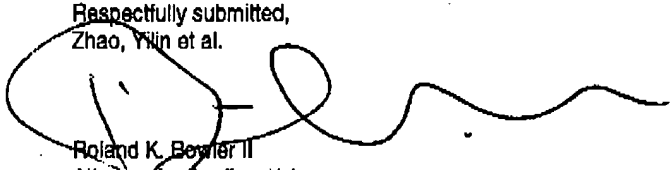
III. PAYMENT OF FEES

- ☐ A check in the amount of \_\_\_\_\_ is enclosed for the above-identified fee(s).
- ☐ Please charge Deposit Account 502117 in the amount of \$\_\_\_\_\_ for the above-indicated fee(s).
- ☒ If Applicant has overlooked any additional fees, or if any overpayment has been made, the Commissioner is hereby authorized to credit or debit Deposit Account 502117.
- ☐ Two Copies of this paper are attached for Deposit Account charges and debits.

CS90038

The above references are being cited only in the interests of candor and without any admission that they constitute statutory prior art or contain matter which anticipates the invention or which would render the same obvious, either singly or in a combination, to a person of ordinary skill in the art.

Respectfully submitted,  
Zhao, Yilin et al.

  
Roland K. Bowler II  
Attorney for Applicant(s)  
Reg. No. 33,477  
Tel. 847-523-3978

MOTOROLA, INC.  
Customer Number 20280

Enclosures: ☒ Information Disclosure  
Statement by Applicant  
☒ Reference  
☒ Foreign Office Action  
☐ Other:

